

CLAIMS

We Claim:

1 1. A system for generating and communicating to web pages, comprising:
2 a console engine to receive requests for web pages and messages to be sent
3 to web pages; and
4 an XML repository connected to the console engine having a plurality of parts
5 of web pages and a plurality of HTML/XML templates, wherein the console engine
6 extracts a template for the requested web page, incorporates the parts for the web
7 page required by the template to form the web page.

1 2. The system recited in claim 1, further comprising:
2 a web browser to request the web page from the console engine and display
3 the web page.

1 3. The system recited in claim 2, further comprising:
2 an XML repository to contain the plurality of parts of web pages , the plurality
3 of HTML/XML templates and a plurality of application handlers.

1 4. The system recited in claim 3, further comprising:
2 a console API to transmit the web page to a web browser, wherein the console
3 engine extracts the template from the XML repository and at least one application

4 handler, said at least one application handler generates a part of the web page and
5 incorporates that part into the template.

1 **5.** The system recited in claim 2, wherein said console engine parses said
2 message to identify delimiters contained in the message, the source web page, the
3 destination web page, and data contained in the message.

1 **6.** The system recited in claim 5, wherein said console engine
2 concatenates the data from the message with the template to create a modified XML
3 data element that is displayed the web browser.

1 **7.** A method of generating a web page, comprising:
2 receiving a request for a web page from a web browser;
3 accessing an XML repository for a template for the web page and application
4 handlers associated with the template;
5 executing the application handlers to generate a plurality of parts for the web
6 page;
7 combining the plurality of parts for web with the template to form the web page;
8 and
9 transmitting the web page to the web browser for display.

1 **8.** The method recited in claim 7, wherein said transmitting the web page
2 to a web browser for display is done by a console API.

1 **9.** The method recited in claim 8, further comprising:

2 converting the template after combining the plurality of parts for the web page
3 with the template to form the web page into HTML so as to be displayed by the
4 browser.

1 **10.** A computer program for generating a web page, comprising:

2 receiving a request for a web page from a web browser;
3 accessing an XML repository for a template for the web page and application
4 handlers associated with the template;
5 executing the application handlers to generate a plurality of parts for the web
6 page;
7 combining the plurality of parts for the web page with the template to form the
8 web page; and
9 transmitting the web page to the web browser for display.

1 **11.** The computer program recited in claim 10, wherein said transmitting the

2 web page to a web browser for display is done by a console API.

1 **12.** The computer program recited in claim 11, further comprising:

2 converting the template after combining the plurality of parts for the web page
3 with the template to form the web page into HTML so as to be displayed by the
4 browser.

5 **13.** A method of communicating between web pages, comprising:
6 receiving an incoming XML data element;
7 parsing the incoming XML data element based on delimiters to determine the
8 source web page, the destination web page, and the data to be received by the
9 destination web page;
10 creating a pretoken from the data in the incoming XML data element;
11 concatenating the pretoken to a token to form a modified XML data element;
12 and
13 displaying the modified XML data element using a web browser.

1 **14.** The method recited in claim 13, wherein incoming XML data element is
2 a portion of a web page in which that data to be displayed is changing and said token
3 is an existing web page.

1 **15.** The method recited in claim 14, wherein said modified XML data element
2 is the web page to be displayed.

1 **16.** A computer program for communicating between web pages,
2 comprising:
3 receiving an incoming XML data element;

4 parsing the incoming XML data element based on delimiters to determine the
5 source web page, the destination web page, and the data to be received by the
6 destination web page;
7 creating a pretoken from the data in the incoming XML data element;
8 concatenating the pretoken to a token to form a modified XML data element;
9 and
10 displaying the modified XML data element using a web browser.

11 17. The computer program recited in claim 16, wherein incoming XML data
12 element is a portion of a web page in which that data to be displayed is changing and
13 said token is an existing web page.

14 18. The computer program recited in claim 17, wherein said modified XML
15 data element is the web page to be displayed.